| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|---|---------------------|---------|------------------|
| S1 | 49 | Damera-Venkata-Niranjan.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 10:19 |
| S2 | 2 | (6915020 7187806).pn. | USPAT | OR | ON | 2007/05/10 14:17 |
| S3 | 673 | (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7) with bit\$1map same (generat\$3 creat\$3 produc\$4 develop\$3 form\$4 provid\$4) | USPAT | OR | ON | 2007/05/10 14:21 |
| S5 | 7734 | (partition\$5 segmentat\$4 segment\$4 cut\$4 divid\$4) with (block\$1 cell\$1 segment\$1 array) with imag\$3 and (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7) | USPAT | OR | ON | 2007/05/10 14:35 |
| S6 | 1 | (bit\$1map raster) with (select\$3 determin\$4 acquir\$4 obtain\$3) same (modify\$4 alter\$4 adjust\$4 customeriz\$4 reform\$4 remodel\$4) same (block\$1 cell\$1 segment\$1 array) same (code\$1word save\$1word pass\$1wrod classif\$3\$1information code\$1name) | USPAT | OR | ON | 2007/05/10 17:23 |
| S7 | 2 | (bit\$1map raster) with (select\$3 determin\$4 acquir\$4 obtain\$3) same (modify\$4 alter\$4 adjust\$4 customeriz\$4 reform\$4 remodel\$4) same (block\$1 cell\$1 segment\$1 array) and (code\$1word save\$1word pass\$1wrod classif\$3\$1information code\$1name) | USPAT | OR | ON | 2007/05/10 14:54 |
| S8 | 1113 | (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7) near process\$3 with (portion\$3 block cell array segment segmenta\$4 region part) with (imag\$3 pixel pel conton\$4) | USPAT | OR | ON | 2007/05/10 14:53 |

| | | | | _ | | |
|-----|-----|--|---|----|----|------------------|
| S9 | 86 | (bit\$1map raster) with (select\$3 determin\$4 acquir\$4 obtain\$3) same (modify\$4 alter\$4 adjust\$4 customeriz\$4 reform\$4 remodel\$4) same (block\$1 cell\$1 segment\$1 array) and (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7) | USPAT | OR | ON | 2007/05/10 15:33 |
| S10 | 10 | (code\$1word save\$1word pass\$1wrod classif\$3\$1information code\$1name) with imag\$3 same embed\$5 and (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7) | USPAT | OR | ON | 2007/05/10 14:57 |
| S11 | 14 | (code\$1word save\$1word pass\$1wrod classif\$3\$1information code\$1name) with imag\$3 same (embed\$5 extract\$6) and (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7) | USPAT | OR | ON | 2007/05/10 14:57 |
| S13 | 1 | S8 and S11 | USPAT | OR | ON | 2007/05/10 15:00 |
| S14 | 5 | S5 and S11 | USPAT | OR | ON | 2007/05/10 15:03 |
| S16 | 129 | S3 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/10 15:03 |
| S17 | 8 | S16 and S8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/10 15:14 |
| S20 | 42 | (embedd\$4 encod\$3 decod\$3 extract\$5) with imag\$3 same (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7) same (code\$1word save\$1word pass\$1wrod classif\$3\$1information code\$1name) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/10 15:23 |
| S21 | 5 | S8 and S9 | USPAT | OR | ON | 2007/05/10 15:37 |
| S22 | 25 | S3 and S8 | USPAT | OR | ON | 2007/05/10 15:45 |
| S24 | 13 | S3 and S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/10 15:50 |

| S25 | 2 | (half\$1ton\$1 adj screen\$4) with (generat\$3 produc\$4 creat\$3 mak\$3 provid\$3 form\$3) with bit\$1map and (partition\$4 divid\$4 cut\$4 segment\$5 segmenta\$5) near imag\$3 with (block cell segment\$4 array).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/10 16:20 |
|-----|------|---|---|----|----|------------------|
| S26 | 1 | (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7) with imag\$3 near (block\$1 cell\$1 segment\$1 array) and (bit\$1map raster\$4) with (select\$3 determin\$3 acquir\$4 obtain\$4) with (modify\$4 alter\$4 adjust\$4 customeriz\$4 reform\$4 remodel\$4) same (block\$1 cell\$1 segment\$1 array). clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/10 16:26 |
| S27 | 7069 | (358/3.28 358/3. 2 358/539 382/100 382/232 382/ 173 359/893).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/10 16:27 |
| S28 | 2 | S27 and (embed\$4 encod\$4 decod\$4) with extract\$4 with whith half\$1ton\$3 with code\$1word | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/10 16:28 |
| S29 | 3505 | (358/3.04 358/3.05 358/3. 06 358/3. 07 358/534 358/535 358/536 358 /539 382/232 382/173 359/893). ccls. | USPAT | OR | ON | 2007/05/10 17:23 |
| S30 | 0 | S29 and (bit\$1map raster) with half\$1ton\$3 near block with embed\$5 | USPAT | OR | ON | 2007/05/10 17:27 |
| S31 | 0 | S29 and (bit\$1map raster) with half\$1ton\$3 with embed\$5 | USPAT | OR | ON | 2007/05/10 17:28 |
| S32 | 3 | (bit\$1map raster) with half\$1ton\$3 with embed\$5 | USPAT | OR | ON | 2007/05/10 17:30 |
| S33 | 7 | (bit\$1map raster) same half\$1ton\$3 with embed\$5 | USPAT | OR | ON | 2007/05/10 18:02 |

5/14/2007 12:20:06 PM Page 3

| S35 | 78 | ((modify\$3 or modification or alter\$5 or adjust\$4 or customiz\$5 or reform\$3 or chang\$3 or conver\$4 or creat\$3 or design\$3 or produc\$3 or generat\$3) near5 (halftone or dither or threshold or binary or bilevel or bitonal or (two or bi) adj0 (level or value or tone)) adj0 (image or picture or document or original)) with ((embed\$4 or insert\$3 or implant\$3 or synthesi\$4 or combin\$3 or add\$3 or addition or append\$3 supplement\$5 merg\$3 | USPAT | OR | ON | 2007/05/10 18:24 |
|-----|-----|--|---|----|----|------------------|
| | | or fus\$3 or blend\$3 attach\$4) near5 (code or pattern or mark or hash or glyph or symbol or watermark or steganograph\$2 or information or data)) | | | | |
| S37 | 144 | (half\$1ton\$3\$1screen dither\$1matrix mask) with bit\$1map same (image picture contone continuous\$1tone) | USPAT | OR | ON | 2007/05/10 18:46 |
| S38 | 17 | S5 and S37 | USPAT | OR | ON | 2007/05/10 18:27 |
| S39 | 115 | ((halfton\$3 or threshold\$3 or dither\$3) near7 (screen\$3 or matrix or array or block or template or mask or grid or filter or pattern or arrangement or structure or cell or supercell or macrocell or tile or supertile or macrotile)) with bit\$1map with (image or picture or document or original) | USPAT | OR | ON | 2007/05/11 09:19 |
| S40 | 115 | ((halfton\$3 or threshold\$3 or dither\$3) near7 (screen\$3 or matrix or array or block or template or mask or grid or filter or pattern or arrangement or structure or cell or supercell or macrocell or tile or supertile or macrotile)) with bit\$1 map with (image or picture or document or original) | USPAT | OR | ON | 2007/05/11 09:22 |
| S41 | 107 | S40 and (half\$1ton\$3 or screen\$4 or dither\$3 or mask\$3 or (dither\$3 adj1 (matri\$3 array))) with bit\$1map | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 09:23 |

| | 4 | | | | | 1 |
|-----|------|--|---|----|----|------------------|
| S42 | 16 | S41 and (partition\$3 divi\$3 separat\$3 cut\$4 segment\$3 segmentat\$4) with (block cell region section segment) with (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 09:25 |
| S43 | 49 | ("20010021041" "20010030769" "20020044298" "20020076107" "20020154339" "20020178950" "4668995" "5073953" "5202933" "5225911" "5239390" "5313309" "5341224" "5343309" "5379130" "5485568" "5506699" "5568571" "5602974" "5617485" "5625460" "5694224" "5710577" "5710827" "5742703" "5754684" "5845058" "5881213" "5956157" "6002847" "6020897" "6049390" "6064397" "6125200" "6163625" "6175425" "6205452" "6307962" "6498660" "6624909" "6636899" "6717696" "6738517" "6717696" "6738517" "6813621").PN. OR ("6992789").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/11 09:48 |
| S44 | 17 | S43 and bitmap | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/11 09:48 |
| S45 | 63 | (half\$1ton\$3 or screen\$4 or dither\$3 or mask\$3 or (dither\$3 adj1 (matri\$3 array))) with (generat\$3 produc\$4 creat\$3 mak\$4 provid\$3 form\$3) with bit\$1map and (partition\$4 divid\$4 cut\$4 segment\$5 segmenta\$5) near imag\$3 with (block cell segment\$4 array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 10:46 |
| S46 | 1292 | ((half\$1ton\$3 adj screen\$3) half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7 dither\$1matrix mask) with (generat\$3 creat\$3 produc\$4 develop\$3 form\$3 provid\$4 transform\$3 convert\$4 convers\$4) with bit\$1map | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 11:49 |

| S47 | 7734 | (partition\$5 segmentat\$4 segment\$4 cut\$4 divid\$4) with (block\$1 cell\$1 segment\$1 array) with imag\$3 and (half\$1ton\$3 (error adj diffus\$4) dither\$3 binar\$7) | USPAT | OR | ON | 2007/05/11 10:54 |
|-----|------|--|---|----|----|------------------|
| S48 | 96 | S46 and S47 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 11:14 |
| S49 | 78 | ((modify\$3 or modification or alter\$5 or adjust\$4 or customiz\$5 or reform\$3 or chang\$3 or conver\$4 or creat\$3 or design\$3 or produc\$3 or generat\$3) near5 (halftone or dither or threshold or binary or bilevel or bitonal or (two or bi) adj0 (level or value or tone)) adj0 (image or picture or document or original)) with ((embed\$4 or insert\$3 or implant\$3 or synthesi\$4 or combin\$3 or add\$3 or addition or append\$3 supplement\$5 merg\$3 or fus\$3 or blend\$3 attach\$4) near5 (code or pattern or mark or hash or glyph or symbol or watermark or steganograph\$2 or information or data)) | USPAT | OR | ON | 2007/05/11 11:03 |
| S50 | 1 | S48 and S49 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 11:04 |
| S51 | 624 | S46 and half\$1ton\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 11:50 |
| S52 | 411 | S51 and (generat\$3 creat\$3 produc\$4 transform\$3 convert\$4 convers\$4) with bit\$1map | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 11:52 |
| S53 | 101 | S52 and (divid\$3 partition\$3 segment\$3 segementat\$4) with (block cell section region tile) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 11:54 |

5/14/2007 12:20:06 PM Page 6

| S54 | 62 | S53 and array | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 11:55 |
|-----|------|--|---|----|----|------------------|
| S55 | 4408 | (encod\$3 or encrypt\$3 or embed\$4 or watermark\$3 or insert\$3 or infix\$3 or cipher\$3) with (bitmap or "bmp" or (dot near2 pattern)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 13:11 |
| S56 | 111 | S55 same half\$1ton\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 13:12 |
| S57 | 24 | S56 and (decod\$3 or decrypt\$3 or decipher\$3) with (bitmap or "bmp" or (dot near2 pattern)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/05/11 13:13 |

5/14/2007 12:20:06 PM C:\Documents and Settings\skau\My Documents\EAST\Workspaces\2007_3\10698899_W1.wsp Page 7